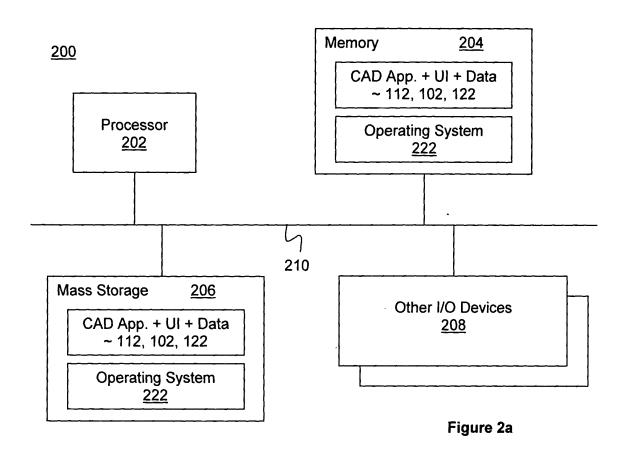


Figure 1

Attorney's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned

For: Facial Characteristic Based Generation of Fillet Weld Bead Representation

Express Mail No. EV069127482US



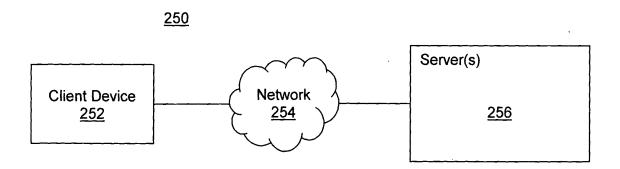


Figure 2b

Attomey's Docket No.: 109869-134067
Inventor(s): Somashekar Ramachandran Subrahmanyam
For: Facial Characteristic Based Generation of Fillet Weld Bead Representation

Date of Deposit: August 29, 2003
Application No.: Not yet assigned
Bead Representation

Express Mail No. EV069127482US

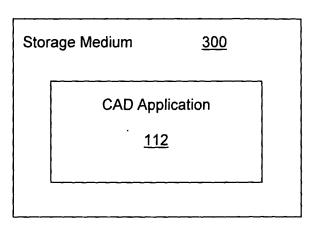
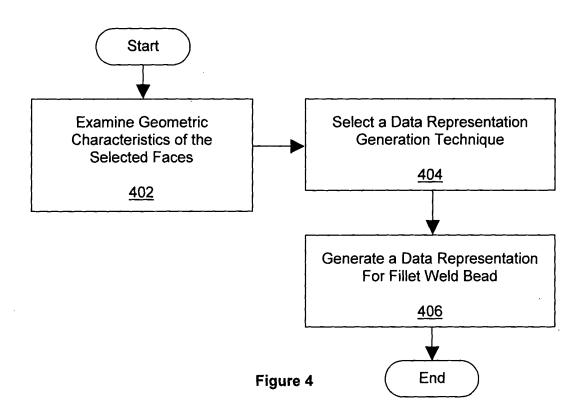
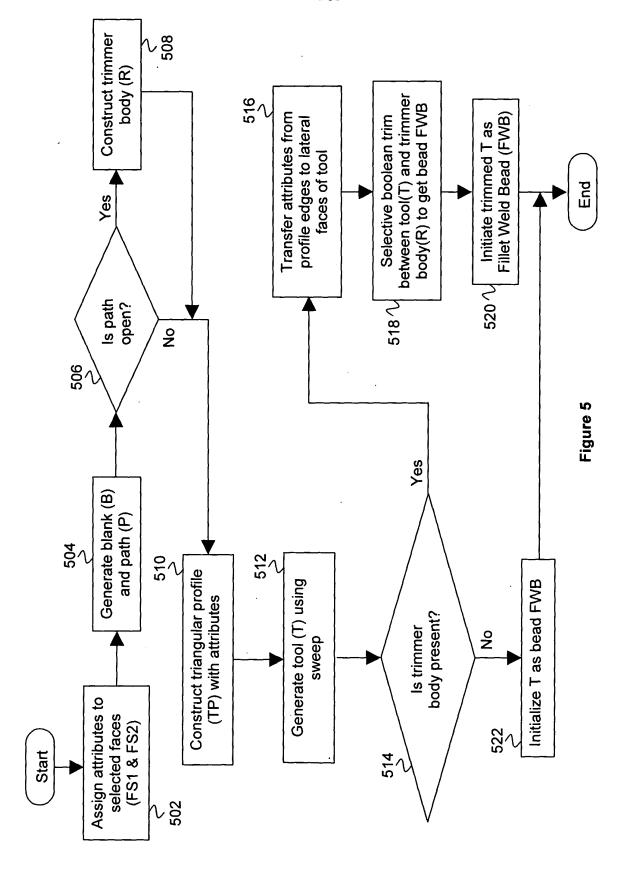
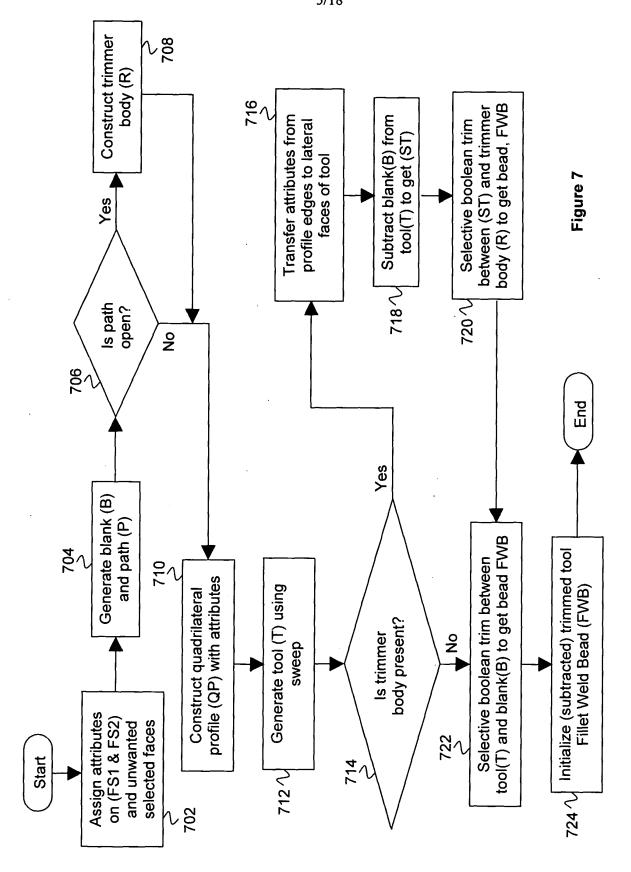


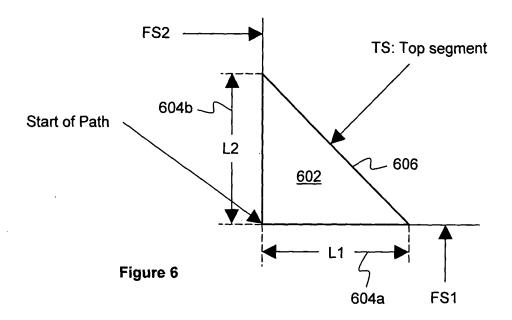
Figure 3





Express Mail No. EV069127482US





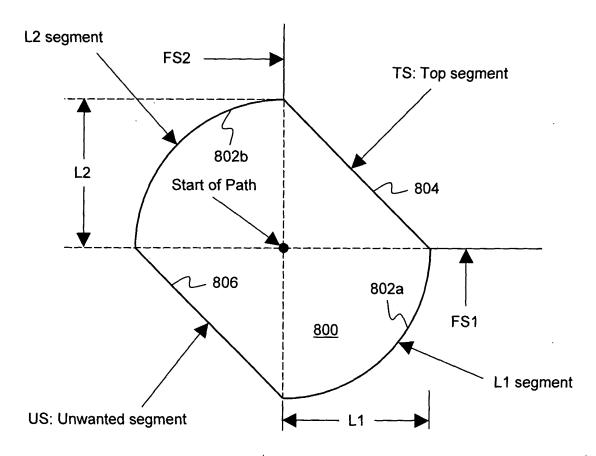
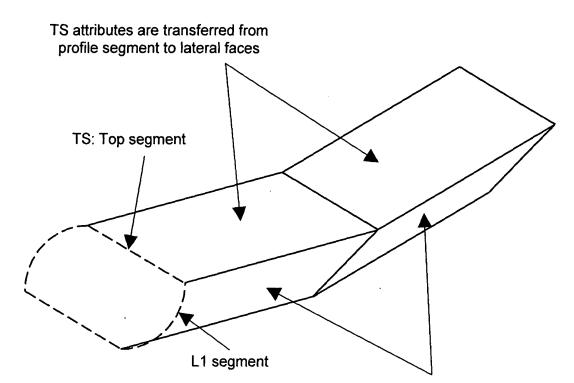


Figure 8

Attorney's Docket No.: 109869-134067
Inventor(s): Somashekar Ramachandran Subrahmanyam
For: Facial Characteristic Based Generation of Fillet Weld Bead Representation
Express Mail No. EV069127482US

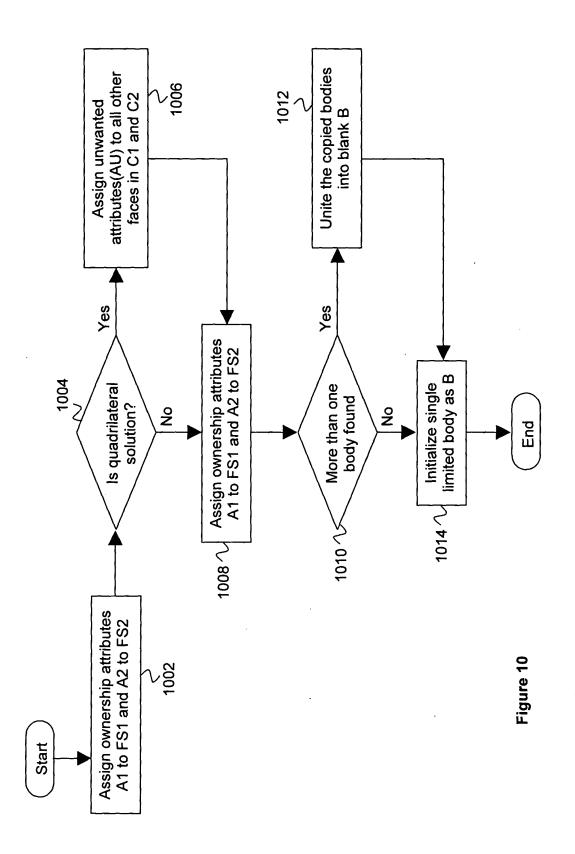
Date of Deposit: August 29, 2003
Application No.: Not yet assigned Bead Representation

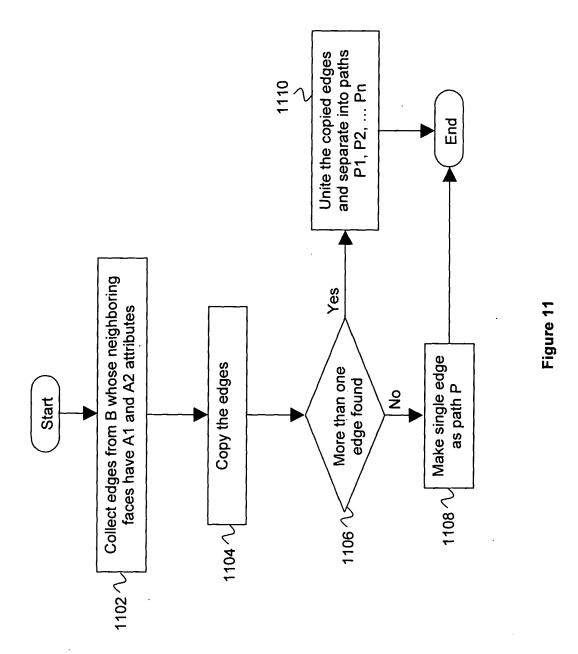
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L1 segment attributes are transferred from the profile segment to lateral faces

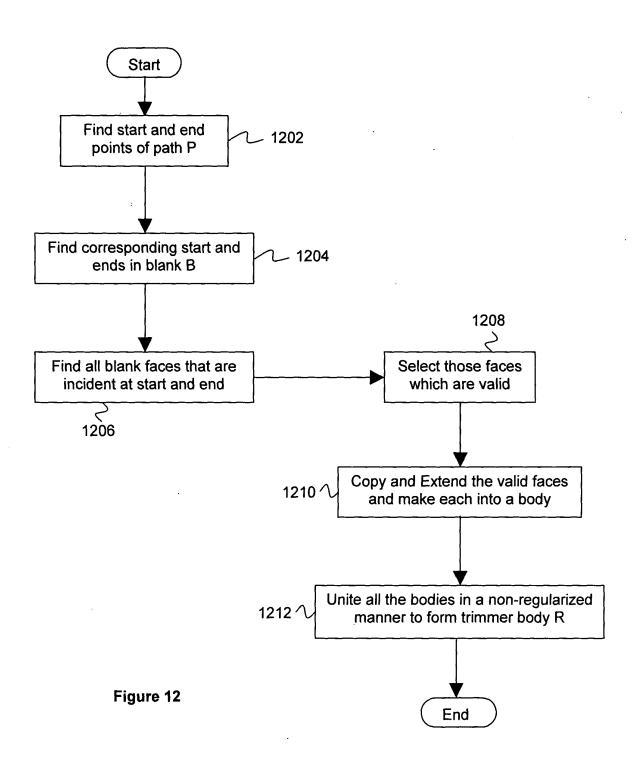
Figure 9





For: Facial Characteristic Based Generation of Fillet Weld Bead Representation

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Attorney's Docket No.: 109869-134067
Inventor(s): Somashekar Ramachandran Subrahmanyam
For: Facial Characteristic Based Generation of Fillet Weld Bead Representation
Express Mail No. EV069127482US

Date of Deposit: August 29, 2003
Application No.: Not yet assigned Bead Representation

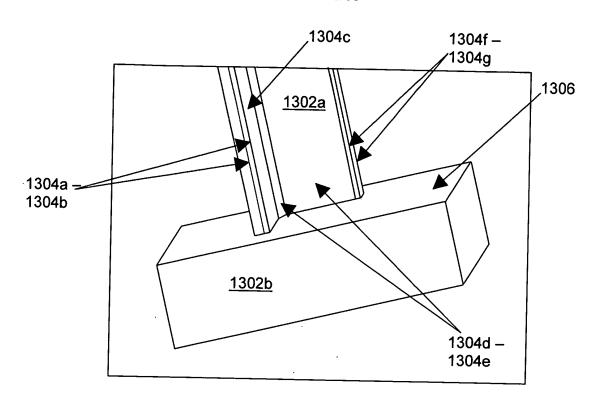


Figure 13a

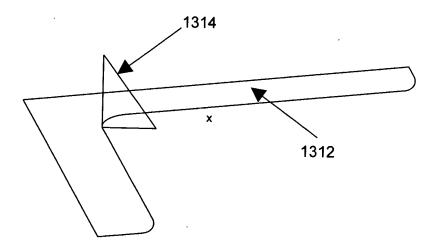


Figure 13b

Attorney's Docket No.: 109869-134067
Inventor(s): Somashekar Ramachandran Subrahmanyam
For: Facial Characteristic Based Generation of Fillet Weld Bead Representation
Express Mail No. EV069127482US

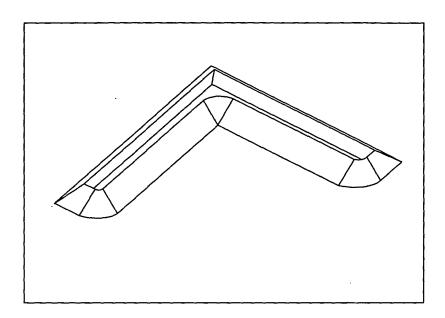


Figure 13c

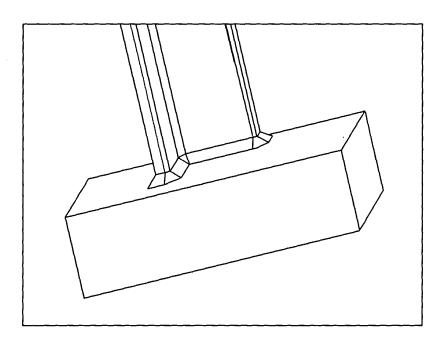


Figure 13d

Attorney's Docket No.: 109869-134067 | Date of Deposit: August 29, 2003 |
Inventor(s): Somashekar Ramachandran Subrahmanyam | Application No.: Not yet assigned |
For: Facial Characteristic Based Generation of Fillet Weld | Bead Representation |
Express Mail No. EV069127482US

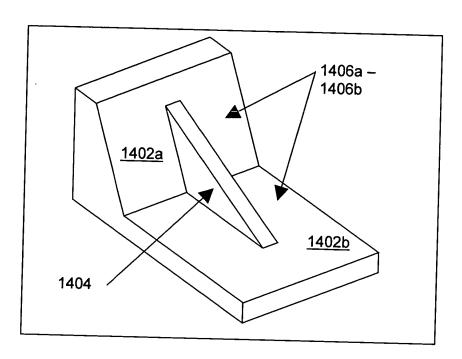
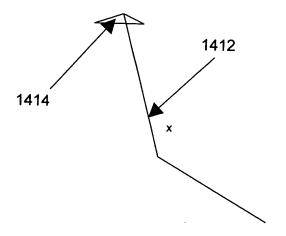


Figure 14a



Figur 14b

Attomey's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned For: Facial Characteristic Based Generation of Fillet Weld Bead Representation

Express Mail No. EV069127482US

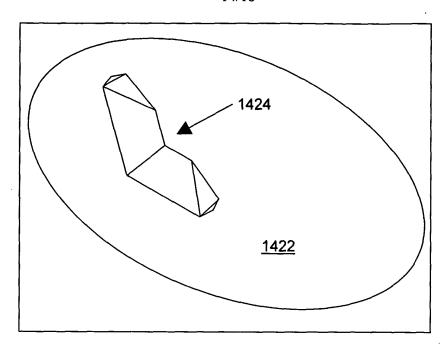


Figure 14c

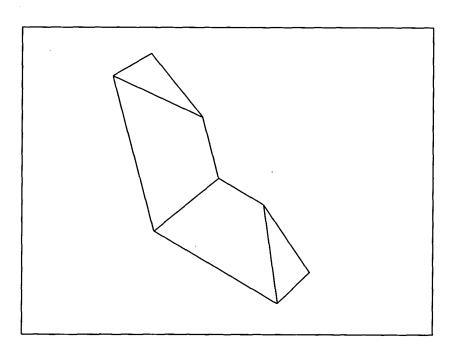


Figure 14d

Attomey's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned For: Facial Characteristic Based Generation of Fillet Weld Bead Representation Express Mail No. EV069127482US

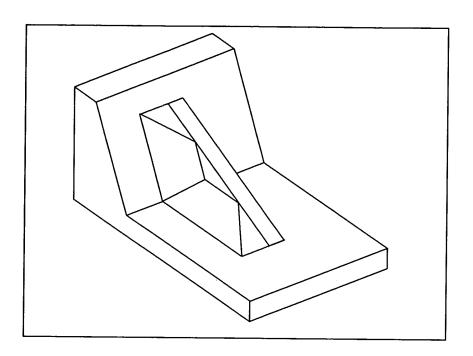


Figure 14e

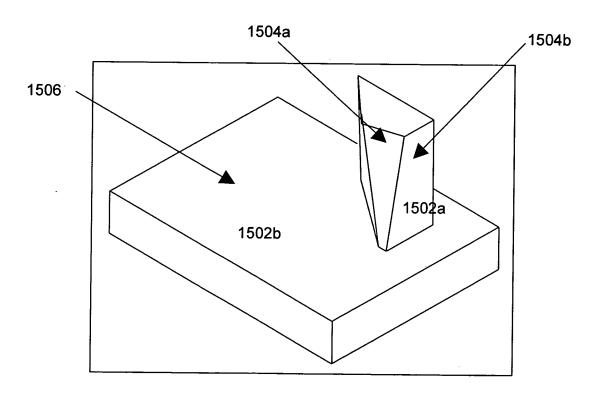


Figure 15a

Attorney's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned For: Facial Characteristic Based Generation of Fillet Weld Bead Representation Express Mail No. EV069127482US

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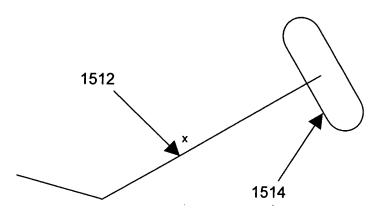


Figure 15b

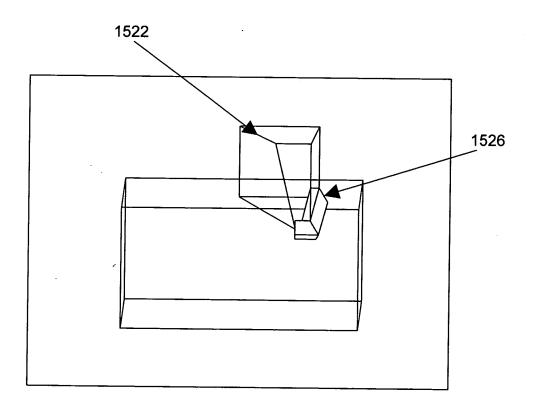


Figure 15c

Attomey's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned For: Facial Characteristic Based Generation of Fillet Weld Bead Representation Express Mail No. EV069127482US

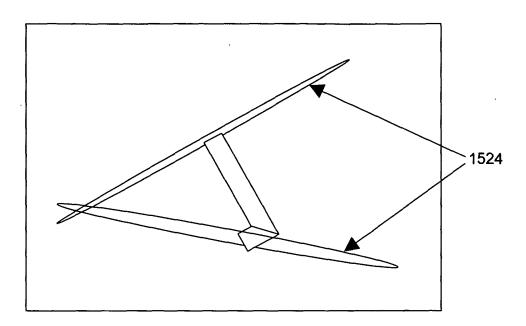


Figure 15d

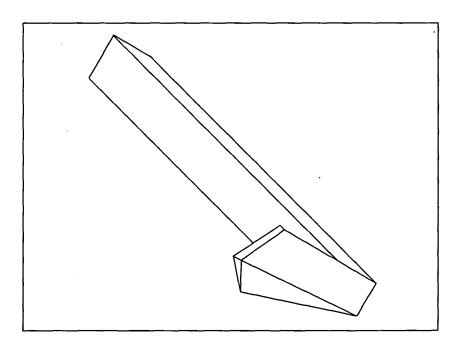


Figure 15e

Attorney's Docket No.: 109869-134067 Date of Deposit: August 29, 2003 Inventor(s): Somashekar Ramachandran Subrahmanyam Application No.: Not yet assigned For: Facial Characteristic Based Generation of Fillet Weld Bead Representation Express Mail No. EV069127482US

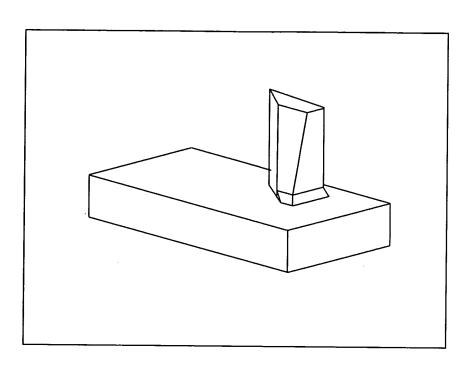


Figure 15f